

Agricultural Research Institute, Pusa

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(Compiled by the Imperial Entomologist)



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Benwarilal, Esq., Pakaria Street, Pilibhit, United Provinces.

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Received for Publication on 1st April 1925.

A

Achard, J.—

Essai d'une subdivision nouvelle de la famille des Scaphidiidæ.
(*Ann. Soc. Ent. Belg.* LXIV, 25-31; July 1924.)

Nouvelles espèces de *Scaphidiolum* de la faune indomalaise. (*Bull. Soc. Ent. France* 1924, pp. 150-153; Dec. 1924.) [*S. hecaspilotum*, n. sp., p. 152, Kandy.]

Adair, E. W. —Notes sur *Periplaneta americana*, L., et *Blattlaorientalis*, L. (*Bull. S. R. Ent. Egypt.* 1923, pt. 2, pp. 18-38, figs.; 1924.)

Alexander, C. P.—Undescribed species of Nematocera from Japan.
(*Insec. Inscit. Menstr.* XII 49-55; Mar. 1924.) [*Ptychoptera annandalei*, Brunetti, pp. 50-51, notes.]

Andrewes, H. E., and Scott, H.—A List of Carabidæ from Macao, South China, with a description of a new species and biological notes. (*Ann. Mag. Nat. Hist.* (9) XIII 466-472; Apl. 1924.) [Many Indian spp. recorded.]

Andrewes, H. E.—

On the Oriental Carabidæ of the "Reise Novara." (*Trans. Ent. Soc. London* 1923, 459-468; Apl. 1924.)

Papers on Oriental Carabidæ, XIII. (*Ann. Mag. Nat. Hist.* (9) XIV 241-244; Aug. 1924.) [*Lebidia*, pp. 241-243, key to spp.; *L. bioculata himalayica*, var. nov., p. 243, Kumaon, Karen Hills; *L. octocelis*, n. sp., p. 244, Gopaldhara (Sikkim).]

Papers on Oriental Carabidæ, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV 585-593; Dec. 1924.)

Notes on Oriental Carabidæ, VI. (*Ent. Mo. Mag.* all. X191-192, Aug. 1924, pp. 193-198, Sept. 1924.) [*Bembidion quadripustulatum*, Dej., pp. 191-192; *B. uniferum*, n. sp., pp. 192-193, Fyzabad, Naini Tal distr.; *B. satanas*, n. sp., p. 193, Goorais Vley,

Andrewes, H. E.—*contd.*

(Kashmir) ; *B. dardum*, Bates, p. 194, Goorais Valley, redescr. ; *B. bruceulatum*, Bates pp. 194-195, Skardo, redescr. ; *B. ladakense*, n. sp., pp. 195-196, Ladakh, Gond, Baltal (Kashmir), Sumdo (Lahul) ; *B. ucidum*, Andr., p. 196, Naini Tal, Ranikhet ; *B. rubidum*, n. sp., pp. 196-197, Poo (Kashmir).]

Description(s) of some new Carabidæ from Ceylon. (*Spolia Zeylon*, XIII 129-141 ; Sept. 1924.)

Carabidæ, in "mission dans es Provinces Centrales de l'Inde et dans la région occidentale de l'Himalaya, 1914, par Guy Babault" (Paris ; 1924 ; sep. pp. 1-123, col. tab. 1-4.) [Many new Indian spp.]

Andrews, E. A. —

The Tea Green-Fly. (*Ind. Tea Assoc. Qrly. Journ.* 1923, pp. 109-117, 1 diagram ; Jan. 1924.)

Termites. (*Ind. Tea Assoc. Qrly. Journ.* 1923, pp. 118-125 ; Jan. 1924.) [Abstract of Dr. Hutson's Notes on Termites attacking Tea in Ceylon. Ceylon Agric. Dept. Leaflet, 24 June, 1923.]

Anandale, N.—Termite Mounds. (*Bombay Nat. Hist. Soc. Jour.*, XXX 25-35, 4 figs. ; Nov. 1924.)

Antram, C. B.—Butterflies of India. (Calcutta ; May 1924 ; pp. XVI +226, tt. 1-3, ff. 1-412.) [Includes only Papilionidæ, Pieridæ, Nymphalidæ and Nemeobidæ of India exclusive of Burma and Ceylon. *Parnassius sulphurus*, n. sp., p. 38, f. 71, Tibet.]

Arrow, G. J.—Vocal Organs in the Coleopterous Families Dytiscidæ, Erotylidæ and Endomychidæ. (*Trans. Ent. Soc., London* 1924 134-143, 2 figs. ; Aug. 1924.)

Aurivillius, C.—Neue oder wenig bekannte Coleoptera Longicornia. (*Arkiv for Zoologi* XV 437-479, ff. 113-133 ; Feb. 1924.) [*Psidromerus apicalis*, n. sp., p. 445, Palnis ; *Polkyne septendelineata*, n. sp. pp. 469-470, Burma.]

Austin, G. D.—The Indian Glow-worm. (*Lamprophorus tenabasis* Wlk.) (*Ceylon Dept. Agric. Year-Book* 1924, pp. 68-69, t. 26 ; Apl. 1924.)

B

Bacot, A. W., and Martin, C. J.—The respective influences of temperature and moisture upon the survival of the Rat Flea. (*Xenopsylla cheopis*) away from its host. (*Jl. Hygiene* XXII, 98-105, 3 diagrams; Sept. 1924.)

Bagnall, R. S.—

A new species of Thrips from India. (*Ann. Mag. Nat. Hist.* (9) XIII 424-425; Apl. 1924.) [*Thrips pallidulus*, Pusa.]

On a new injurious Thrips affecting Tea in India. (*Bull. Ent. Res.* XIV 455; May 1924.) [*Dendrothrips bispinosus*, n. sp., Kotagiri.]

Brief Descriptions of new Thysanoptera, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV, 625-; Dec. 1924) [*Mesothrips*, Zimros. = *Arrhenothrips*, Hood 1919, p. 635; *M. brevis*, n. sp., pp. 636-637, Ceylon; *M. angusticornis*, n. sp., pp. 638-639, Peradeniya; *M. kurnyi*, n. sp., pp. 639-640, Dehra Dun; *Laeuwentia eugeniæ*, n. sp., p. 640, Kodaikanal.]

Baker, C. F.—

Remarks on the Tettigometridæ (Fulgoroidea). (*Philipp. Jl. Sci.* XXIV 91-99, tab.; Jan. 1924.) [Key to Subfam., p. 92; *Isthmia*, Wlk., type *undata*, = *Hilda*, Kirk, is an African genus distinct from the Indo-Malayan genus *Egropa*, Melich., p. 93; *E. incusta*, Melich., p. 95; *E. tenasserimensis*, Dist., p. 96; *E. bengalensis* Dist., pp. 97-98, t. 1 f. 4, Charact., Calcutta.]

Nomenclatorial Notes on the Jassideoidea. (*Philipp. Journ. Sci.*, XXIV 367; Mar. 1924.) [*Penthimia distanti*, n. sp., for *nitida* Dist. 1912, nec Lethierry 1877; *Goniozygum* (*Goniognathus*) *appellans*, n. sp., for *obesus*, Dist. 1918, nec Jacobi 1910; *Deltoccephalus deletus*, n. sp., for *thoracicus*, Dist. 1908, nec Fieber 1869; *Idiocerus incertus*, n. sp. for *maculatus*, Dist. 1912, nec Melichar 1896.]

Baldus, K.—Untersuchungen ueber Bau und Funktion des Gehirnes der larve und Imago von Libellen. (*Zeits. wiss. Zool.* CXXI 557-620, 4 figs.; tt. 6, 7; Jan. 1924.)

Ballard, E., and Ramachandra, Rao, Y.—A Preliminary note on the Life-history of certain Anthomyiad Flies, *Atherigona* sp. and *Acritochaeta excisa*, Thomson. (*Proc. Fifth Ent. Meeting*, pp. 275-277, t. 23; June 1924.)

Barraud, P. J.—

- A Revision of the Culicine Mosquitoes of India, Part VIII. (*Ind. Journ. Med. Res.* XI 845-866, tt. 48-57; Jan. 1924.) [*Finlaya* spp.]
- A Revision of the Culicine Mosquitoes of India, Parts IX, X, XI. (*Ind. Journ. Med. Res.* XI 971-998, tt. 63-68; May 1924.)
- A Revision of the Culicine Mosquitoes of India, Part XII. (*Ind. Journ. Med. Res.* XI 1259-1274, tt. 85-87; May 1924.) [*Culex* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XIII. (*Ind. Journ. Med. Res.* XI 1275-1282, tt. 88-89; May 1924.) [*Culex* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XIV. (*Ind. Journ. Med. Res.* XII, 15-22, t. 1; July 1924.) [*Culicicomyia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XV. (*Ind. Journ. Med. Res.* XII 39-46, tt. 7, 8; July 1924.) [*Lophocera tomyia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XVI. (*Ind. Journ. Med. Res.* XII 139-144, tt. 9, 10; July 1924.) [*Theobaldia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XVII. (*Ind. Journ. Med. Res.* XII 127-136, tt. 24-28; Oct. 1924.) [*Culex* larvae.]
- A new Mosquito from Kashmir. (*Ind. Journ. Med. Res.* XI 967-968, fig.; Jan. 1924.) [*Finlaya sintoni*.]
- Four new Mosquitoes from the Western Himalayas. (*Ind. Journ. Med. Res.* XI 999-1006, fig.; April 1924.)
- A new Mosquito from Kashmir and the North-West Frontier Province. (*Ind. Journ. Med. Res.* XII 73-74; July 1924.) [*Finlaya versicolor*, n. sp.]

Baumann C.—Ueber den Bau des Abdomens und die Funktion des Legeapparatus von *Thalysa leucographa*, Grav. (*Zool. Anzeiger* LVIII 149-162, figs.; Jan. 1924.) [Several Indian Ichneumonidae are apparently formed similarly.]

Beeson, C. F. C.—

The Geographical distribution of the Coleopterous borers of sis (Shorea robusta). (*Proc. Fifth Ent. Meeting*, pp. 159-175; June 1924.)

Beeson, C. F. C.—*contd.*

Recent work in Forest Entomology (Abstract). (*Loc. cit.* pp. 176-179; June 1924.)

Forest Entomology. (*Board Sci. Advice India*, Report 1922-23, pp. 59-62; 1924.)

The economic importance and control of the Sal Heartwood Borer (*Hoplocerambyx spinicornis*). (*Ind. Forester* L. 516-524; Oct. 1924.)

Bell, T. R.—

The Common Butterflies of the Plains of India. Part XXX. (*Bombay Nat. Hist. Soc. Journ.* XXIX 703-717; Feb. 1924.) [Hesperiadae (contd.).]

The Common Butterflies of the Plains of India. Part XXXI. (*Bombay Nat. Hist. Soc. Journ.* XXIX 921-946; May 1924.) [Hesperiadae (contd.).]

The Common Butterflies of the Plains of India. Part XXXII. (*Bombay Nat. Hist. Soc. Journ.* XXX 132-150; Nov. 1924.)

Bergroth, E.—Myrmecoidae Heteropteren. Myodochidae. (*Ann. Mus. Nat. Hung.* XVIII 73-81; Dec. 1921 (recd. Sept. 1921).) [*Verdonianus*? sp., pp. 73-74, Moulmein, last stage larva descr.]

Bishara, I.—A preliminary note on the Estimation of Loss by Bollworms. (*Egypt Agric. Techn. Bull.* 39; Cairo; 1924.)

Bischoff, W.—Die Segmentierung der Blepharoceriden—Larven und —Puppen und die ökologische Begründung der Larvenphylogenie. (*Zool. Anzeig.* LX 231-251, 6 figs.; Aug. 1924.)

Blair, K. G.—Some Notes on Luminosity in Insects. (*Ent. Mo. Mag.* LX 173-178; Aug. 1921.)

Blunck, H., and Speyer, W.—Kopftausch und Heilungsvermögen bei Insekten. (*Zeits. wiss. Zoologie* CXXIII 156-208, 2 figs.; June 1924.)

Blüthgen, P.—

Beiträge zur Systematik der Bienengattung *Halictus* Latr. (Hym.) (*Konowia* III 253-284; Oct. 1924.) [*H. marginatus*, Brullé = *niveus*, Bingham, p. 281, S. Europe, Turkestan, Kashmir.]

Blüthgen, P.—*contd.*

Beiträge zur Systematik der Bienengattung *Sphecodes*, Latr. II. (*Deuts. Entom. Zeits.* 1924, pp. 457-516; Dec. 1924.) [*S. intermedius*, Bl., p. 467, Quetta; *S. sareptensis*, Meyer, pp. 460-463, Quetta; *S. turneri*, Cockill, pp. 488-489, Tenasserim; *S. fumi-pennis*, sm., pp. 489-490, Sikkim; *S. bischoffi*, n. sp., pp. 494-495, Maymyo Suwatra; *S. binghami*, n. sp. (= *apicatus*, Bingham, n. sp.), pp. 495-498, Pegu Hills; *S. gibbus*, L., p. 498, Srinagar, Gandarbal (Kashmir); *S. crassicornis*, sm., pp. 498-501, Mt. Abu, Deesa, Banhar, Chapra, Coimbatore; *S. albifrons*, Sm., pp. 501-504, Bombay, Nasik, Baghownie (Bihar); *S. dutti*, n. sp., pp. 506-507, Coimbatore; *S. fulvicornis*, n. sp., pp. 508-509, Deesa; *S. setiger*, n. sp., pp. 511-512, Simla; *S. matheranensis*, n. sp., pp. 512-513, Matheran; *S. simlaensis*, pp. 514-515, n. sp. Simla.]

Bose, B. B.—Life-history of *Danaus limniace* Cram., and its parasites. (*Proc. Fifth Entom. Meeting*, pp. 280-288, t. 26; June 1924.)

Braun, A. F.—The Frenulum and its Retinaculum in the Lepidoptera. (*Ann. Ent. Soc. Amer.* XVII 234-256, tab.; Sept. 1924.)

Brug, S. L.—Notes on Dutch East Indian Mosquitos. (*Bull. Ent. Res.* XIV 433-442, 8 figs; May 1924.) [Indian spp.]

Brunetti, E.—*Microdon apiformis*, Brun., re-named. (*Rec. Ind. Mus.* XXVI 153; Apl. 1924.) [*M. apidiformis*, n.n.]

Bryant, G. E.

New Species of Phytophaga. (*Ann. Mag. Nat. Hist.* (9) XIII 299-304; Mar. 1924.) [Eumolpidæ: *Trichotheca ueneopicea* n. sp., pp. 300-301, Kangra.]

New Species of Phytophaga (Coleoptera). (*Ann. Mag. Nat. Hist.* (9) XIV 247-252; Aug. 1924.) [Halticidæ: *Longitarsus cynipionis*, n. sp., pp. 249-250 Lahoul.]

Buxton, P. A.—On predicting the seasonal prevalence of an insect. (*Trans. R. Soc. Trop. Med. Hyg.* XVI, 465-469, Feb. 1923.)

Byus, K. S.—Adipose Tissue in Insects. (*Journ. of Morphology* XXXVIII 485-528, tt. 1-8; June 1924.)

C

Cameron, M.—New species of Staphylinidae from India. (*Trans. Ent. Soc., London*, 1924, 160-198; Aug. 1924.)

Carpenter, G. H.—Collembola of the Siju Cave, Garo Hills, Assam. (*Rec. Ind. Mus.* XXVI 285-289, figs.; June 1924.) [Entomobryidae: *Lepidocyrtus magnificus*, n. sp., pp. 285-286, ff. 1-3; *L. exploratorius*, n. sp., p. 286, ff. 4-6; *Paronella brunnea*, n. sp. p. 287, ff. 7-9; *Cyphoderopsis gracilis*, n. sp. pp. 288-289, ff. 10-12.]

Cathcart, G. E.—Notes on the use of artificial light in Sandfly destruction. (*Journ. R. A. M. C.* XLI 447-450, 2 figs.; Dec. 1923.) [Abstr. in *Rev. Appl. Ent.* B. XII 24.]

Caudell, A. N.—Malayan and East Indian Blattidae I. (*Philipp. Journ. Sci.* XXIV 641-666, t. 1; June 1924) [Introduction and subfam. Panesthinae.]

Champion, G. C.—

On a new subfamily of Clavicorn Coleoptera. (*Ent. Mo. Mag.* LX 25-29, figs.; Feb. 1924.) [Thaumastodinae, subf. nov. of Byrrhidae, p. 25; *Acontosceles*, n.g., pp. 27-28, type *hydroporoides*, n. sp., p. 29, ff. B 1-10, Haldwani.]

Some Indian Coleoptera [Part 13]. (*Ann. Mag. Nat. Hist.* (9) XIII 249-264, figs.; Mar. 1924.) [Helodidae: *Eubria minima* n. sp., p. 250, Haldwani; *Schinostethus nigricornis*, Waterh. 1880, p. 251, Shillong, Kumaon, Darjiling; *Psephenoides volutis* n. sp., pp. 251-253, ff. A, 1, 2, Haldwani, Ranikhet. Telephoridae: *Silis pectinicornis* n. sp., ff. B, 3, 4, pp. 253-254, Kumaon; *S. lividipennis*, n. sp., pp. 254-255, ff. B, 5, 6, Nilgiris; *Spalniaus*, n. sp., pp. 255-256, ff. B, 7, 8, Palnis; key to *Silis* spp. p. 256; *Malthinus stramineus*, n. sp., pp. 256-257, Palnis; *Ichthyurus ranikhetensis*, n. sp., p. 257, ff. C, 1, 2, Ranikhet; *I. nigricauda*, n. sp., pp. 257-258, ff. C, 3, 4, Gokteik; *I. tridens*, n. sp., pp. 258-260, ff. C, 5-7, Ranikhet; *I. annulatus*, n. sp., p. 260, ff. C, 8, 9, Gopaldhara (Sikkim); *I. malthiniformis*, n. sp., pp. 260-261, f. C, 10, Pindar Valley. Melyridae: *Attalus palnicensis*, n. sp., pp. 261-262, Palnis; *A. sejunctus*, n. sp., p. 262, Palnis; *Hypharus nainiensis* Champ. 1922, male descr., pp. 262-263;

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Nainital. Sphindidae: *Aspidiphorus asiaticus*, n. sp., p. 263, Nainital. Melandryidae: *Tetratoma cyanoptera*, n. sp., pp. 263-264, Tonglo (Sikkim). Pythidae: *Sphaeriestes nigrocyaneus*, n. sp., p. 264, Nainital.]

Some Indian Coleoptera (14). (*Ent. Mo. Mag.* LX 159-168, July 1924; 169-172, Aug. 1924.) [Staphylinidae: *Hypostenus coclogaster*, n. sp., pp. 159-160, Ranikhet; *H. rufoplagiatus*, n. sp., p. 160, Haldwani; *H. powderinus*, n. sp., pp. 160-161, Haldwani. Silphidae: *Agathidium maculicolle*, n. sp., p. 161, W. Almora; *Hydnobius contractus*, Champ. 1919, pp. 161-162, Bengal, Haldwani male descr.; *Cyrtusa rotundata*, n. sp., p. 162, Nainital; *Pseudocolenis henisphaerica*, n. sp., p. 162, Nilgiris; *Ps. varicornis*, n. sp., p. 163, Nilgiris, Dikoya, Bogawantalawa; *Ps. disparilis*, n. sp., p. 163, fig. 1h, Nainital. Phalacridae; *Sphaerostilbus*, n. g., p. 164, type *dilatatus*, n. sp., p. 164, fl. 1a-g, W. Almora, Nilgiris, Borneo; *Heterostilbus*, n. g., p. 165, type *marginitus*, n. sp., p. 166, Kumaon; *H. laevigatus*, n. sp. p. 166, Naini Tal. W. Almora. Cryptophagidae: *Cryptophagus clavator*, n. sp., pp. 166-167, fig. 1i, W. Almora; *Trogocryptoides* n. g., p. 167, type *brachyderus*, n. sp., p. 168, fl. 2, 2a-c, W. Almora. Monotomidae: *Euroops alutacea*, n. sp., p. 168, W. Almora; *Monotomopsis andrewesi*, Grouv., p. 169, Kandy, Nilgiris, Kumaon; *Mimomodis megaloccephalus*, n. sp., pp. 169-170, W. Almora. Colydiidae: *Ocholisca laticeps*, Grouv., p. 170, Belgau, W. Almora. *O. humeralis*, Fairm. p. 170, Ceylon, Borneo, Batchian, Nias, Madagascar, Tahiti etc.; *O. harmandi*, Grouv., pp. 170-171, redesc., Darjiling, W. Almora. Melandryidae: *Mycteris maculosus*, n. sp., pp. 171-172, Darna Hills; *M. nodicornis*, n. sp., p. 172, f. 2d, Nilgiris.]

Some Indian Coleoptera (15). (*Ent. Mo. Mag.* LX 234-240 Oct. 1924), 241-247 (Nov. 1924).

Additional species of Xylophilidae from the Philippines, India, Fiji, and S. and W. Africa. (*Ann. Mag. Nat. Hist.* (9) XLII, 481-499; May 1924. [*Xylophilus scardentatus*, n. sp., pp. 482-483, Vizagapatam; *X. patucki*, n. sp., pp. 483-484, Vizagapatam; *X. lateitarsis*, n. sp., pp. 484-485, Ranikhet, Sikkim; *X. seminiger*, n. sp., p. 485, Haldwani, ? Nilgiris; *X. trapeziderus*, n. sp., pp. 485-486, Ranikhet; *X. haldwaniae*, n. sp., p. 486, Haldwani; *X. breviscopia*, n. sp., pp. 486-487, Ranikhet; *X. tetras tictus*, n. sp., p. 487, Sukhatal (Kumaon; 8 000 ft.); *X. melanostictus*, n. sp. pp. 487-488, Almora; *X. kumaonae*, n. sp., pp. 488-489

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Haldwani; *X. latidens*, n. sp., p. 489, Haldwani; *X. basifasciatus*, n. sp., pp. 489-490, Kumaon; *X. subrufus*, n. sp., p. 490, Vizagapatam; *X. bifossulatus*, n. sp., pp. 490-491, Sikkim.]

Chatterjee, S. N.—A note on some discrepancies in Fauna of British India, Butterflies. (*Bombay Nat. Hist. Soc. Journ.* XXIX, 844-845, Feb. 1924.)

China, W. E.—A preliminary revision of the Oriental species of *Leptocoris*, Latr. (Hemiptera Coreidae.) (*Bull. Ent. Res.* XIV 235-239, 14 figs.; Mar. 1924.) [*L. acuta*, Thunb., pp. 236-237, ff. 1, 2, Ceylon, S. India, Himalaya, Assam, Siam to Philippines and Celebes; *L. varicornis*, Fb., p. 237, ff. 5, 6, Ceylon, N. India, Assam, Burma, Tonkin to Philippines and Australia; *L. lepida*, Bredd., pp. 238-239, ff. 7, 8, Ceylon, Delhra Dun, Sikkim, Burma, Malay States, Borneo; *L. costalis*, H. S., p. 239, ff. 13, 14, Burma, Siam to Formosa, Borneo and Java.]

Notes on Jassoidea (Homoptera). (*Entom.* LVII 216; Sept. 1924.) [Synonymy.]

Chopard, L.—

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Szilady, Z.—*contd.*

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